wall 14a of the extension case 14 to increase the volumes of forward so as to conform to the shape of the forward extending the pressure-compensating air chambers 82R and 82L to the largest possible extend in the limited space under the forward extending wall 14a of the extension case 14 at the low level.

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Therefore, the gear case 15 and the components contained in vertically relative to the covering member 80, the gap between The shift rod consists of the upper shift rod 26 and the the lower shift rod 27 and the covering member 80 can be perfectly lower shift rod 27, the lower shift rod 27 is extended through the covering member 80, and the upper end part 27a of the lower the gear case can be easily assembled in a unit. Since the shift rod 27 projects upward from the covering member 80. lower shift rod 27 turns about its axis and does not move

What is claimed is:

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1. A gear case assembly with a pressure-compensating function forming a lower part of a marine propulsion machine, said gear case assembly comprising:

bore in which a drive shaft is supported for rotation, a gear chamber connected to the lower end of the drive shaft receiving selector clutch mechanism and having an open upper end opening in an upper surface of the gear case, and a connecting hole connecting an upper part of the drive shaft receiving bore and a gear case provided with a vertical drive shaft receiving bore and containing a bevel gear mechanism for transmitting receiving bore parallel to the drive shaft receiving bore, receiving a shift rod for operating the forward/backward forward/backward selector clutch mechanism, a shift rod power from the drive shaft to a propeller shaft, and a an upper part of the shift rod receiving bore; and

a covering member attached to the upper surface of the receiving bore, provided with an opening through which the shift gear case so as to cover the open upper end of the shift rod rod is passed into the shift rod receiving bore, and having a body part, and a pressure-compensating wall bulging upward from the body part and defining a pressure-compensating chamber.

2. The gear case assembly with a pressure-compensating function according to claim 1, wherein the shift rod is of a type to select a forward drive mode or a backward drive mode

when the same is turned.

- shift rod has an upper end part that extends through the covering into an upper shift rod and a lower shift rod, and the lower member, projects upward from the covering member and is coupled The gear case assembly with a pressure-compensating function according to claim 1, wherein the shift rod is divided with a lower end part of the upper shift rod.
- 4. The gear case assembly with a pressure-compensating a shift rod support part extending beneath an upper surface function according to claim 1, wherein the covering member has of the gear case, and the pressure-compensating wall lies above the upper surface of the gear case.
- The gear case assembly with a pressure-compensating an inner cylindrical part that supports the shift rod passed function according to claim 5, wherein the covering member has therethrough, and an outer cylindrical part formed integrally pressure-compensatingwall defining the pressure-compensating the outer cylindrical part are connected by the upward bulging inner and with the inner cylindrical part, the chamber opening downward.
- 6. The gear case assembly with a pressure-compensating fitted on the shift rod is fitted in the upper expanded part function according to claim 5, wherein the inner cylindrical part has an upper expanded part, and an annular sealing member of the inner cylindrical part.

part to be fitted in an upper part of the shift rod receiving 7. The gear case assembly with a pressure-compensating part is formed in a size that permits the outer cylindrical bore, and an O-ring is put in an annular groove formed in the function according to claim 5, wherein the outer cylindrical outside surface of the outer cylindrical part.

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8. The gear case assembly with a pressure-compensating function according to claim 6, wherein an upper surface of the sure-compensating wall is flush with an upper end surface of the annular sealing member fitted in the inner cylindrical part covering member excluding the upward bulging pres-

of the covering member, and extends to a peripheral edge of

the covering member.

function according to claim 1, wherein the covering member is provided with a pair of upward bulging pressure-compensating The gear case assembly with a pressure-compensating walls respectively defining pressure-compensating chambers, and separated from each other by a groove.

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